

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: MARGARET B. MEDLEY Examiner #: 60850 Date: 4-30-01  
 Art Unit: 1714 Phone Number 308-2518 Serial Number: 09/19/99 359,809  
257,957  
 Mail Box and Bldg/Room Location: CP 3-3E16 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

*\*cls 63-69 attached*

Title of Invention: Lubricant Compositions and Methods

Inventors (please provide full names): Richard Levy

Earliest Priority Filing Date: 06/07/95 *other related cases*  
08/487,436 ABN 08/583,587 ABN 08/943,125 Pending 416,102,46 R  
08/794,559 08/943,123 Pending 08/979,588

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional or issued patent numbers) along with the appropriate serial number.

*Search all pertinent Commercial Databases for a material for decreasing friction between moving surfaces*  
 Lubricant composition comprising a superabsorbent polymer selected from acrylic acid, an acrylic ester, acrylonitrile, acrylamide, copolymers thereof or mixtures thereof; and Aquasorb®, Aquastore®, Terra-Sorb®, Water Lock®, Aquakeep®, SGP® 502S, Stackosorb®, Favor® C, XU 40346, 00 of Dow Chemical, ASAP™ 1000, Aridall™, NORSACRYL®, SANWET® and ALCOSORB™ which absorbs 7100 times its weight in water. Also find the "Absorbent Polymer Technology" by Brannon-Pappas, 1990 and "Superabsorbent Polymers", Sieber and Technology" by Buechholz et al 1994 ACS. The material for decreasing friction between moving surfaces selected from solid lubricants of claim 66, water containing a lubricant additive of cl. 63, the oil or greases thereof and water of cl. 63, the solid lubricant and water of cl. 65, the phosphates of cls 67-68, the fatty oil, fatty acid or wax of cl. 69, and a synthetic oil lubricant or grease thereof, and a soap; and optionally a lubricant additive selected from an antioxidant, rust inhibitor, antiwear compound, extreme pressure additive, detergent, dispersant, pour point depressant, viscosity improver, or foam inhibitor.

STAFF USE ONLY

Type of Search

Vendors and cost where applicable